CLAIMS.

1. A frame over which woven wire mesh is to be stretched and secured to form a sieving screen which can be used to screen solids from drilling mud recovered from down-hole when drilling for oil or gas comprising a rectilinear moulded plastics frame having edge regions by which it is secured in place in a shaker and defining a plurality of rectilinear windows formed by an orthogonal array of intersecting ribs also of moulded plastics material wherein some of the ribs are internally reinforced by rigid metal members which extend orthogonally between hollow box-section members which define a sub-frame for reinforcing the four edge regions of the frame, the orthogonal members being secured at their ends to the sub-frame, and the ends of the latter are joined at the four corners of the sub-frame, so that not are only the edge regions reinforced internally but so also are some of the orthogonally intersecting ribs, so as thereby to produce a rigid frame for the screen.

2. A frame as claimed in claim 1 wherein the internal reinforcement for those ribs which are to be reinforced comprises hollow box-section metal members.

3. A frame as claimed in claim 2 wherein the ribs reinforcing box section members are similar in cross section to the sub-frame members.

4.A frame as claimed in claim 1 wherein the internal reinforcement for those ribs which are to be reinforced comprises metal I-beam cross section members.

5. A frame as claimed in claim 4 wherein the I-beam members have the same height as the height of the box-section members forming the sub frame.

6. A frame as claimed in any of claims 1 to 5 wherein the box-section members of the perimeter reinforcing frame have a square or rectangular cross-section.

7. A frame as claimed in any of claims 1 to 6 wherein the sub-frame is encapsulated in the same plastics material as the moulded orthogonal array of intersecting ribs is formed.

8. A screen for a shaker constructed from GRP material moulded around a frame as claimed in any of claims 1 to 7.

9. A screen as claimed in claim 8 when fitted in a shaker.

10. The screen as claimed in claim 9 wherein the screen is clamped in position in a shaker basket using a pneumatic seal or by wedges driven into position between abutments protruding internally from the shaker basket and the upper face of edge regions of the screen.

11. A frame for a GRP shaker screen constructed as herein described and with reference to the accompanying drawings.

12. A shaker screen constructed as herein described with reference to the accompanying drawings.